

In the claims:

Claims 1-7 cancelled.

8. (new) An electrical machine, comprising a rotatably supported rotor; at least one bearing for supporting said rotor in a hub; a spring element having an axially-acting spring force which acts on said bearing and also bearing against said hub with the spring force, said spring element being configured as a disc spring functionable back and forth across a flat position of said spring element, said spring element, in an outer region, bearing against an outer ring of said bearing and, in an inner region, bearing against a hub projection, said hub projection being substantially annular in shape and having a conical spring-support surface that declines outwardly in a radial direction.

9. (new) An electrical machine as defined in claim 8, wherein said spring element configured as a disc spring substantially has a shape of a frustroconical shell.

10. (new) An electrical machine as defined in claim 8; and further comprising a spacer located in a force-transfer direction between said bearing and said spring element.

11. (new) An electrical machine as defined in claim 10, wherein said spacer is configured as a ring secured to said spring element.

12. (new) An electrical machine as defined in claim 8; and further comprising a spacer located in a force-transfer direction between said spring element and said hub.

13. (new) An electrical machine as defined in claim 12, wherein said spacer is configured as a ring secured to said spring element.